

1642

#10

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/445,576

DATE: 03/16/2001
 TIME: 15:31:13

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\03162001\I445576.raw

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4 <110> APPLICANT: Thogersen, Hans Christian
 5 Etzerodt, Michael
 6 Holtet, Thor Las
 7 Graversen, Niels Jonas Heilskov
 8 Kastrup, Jette Sandholm
 9 Nielsen, Bettina Bryde
 10 Larsen, Ingrid Kjoller
 12 <120> TITLE OF INVENTION: Trimerising module
 14 <130> FILE REFERENCE: THOGERSEN =1
 16 <140> CURRENT APPLICATION NUMBER: US 09/445,576
 17 <141> CURRENT FILING DATE: 2000-07-17
 19 <150> PRIOR APPLICATION NUMBER: PCT/DK98/00245
 20 <151> PRIOR FILING DATE: 1998-06-11
 22 <150> PRIOR APPLICATION NUMBER: DK 0685/97
 23 <151> PRIOR FILING DATE: 1997-06-11
 25 <160> NUMBER OF SEQ ID NOS: 60
 27 <170> SOFTWARE: PatentIn Ver. 2.0
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 47
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence:primer trip-N
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 38 cctgatcaat ccaggaaga tctctggta ccgagccacc aaccag 47
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 43 <213> ORGANISM: Artificial Sequence
 45 <220> FEATURE:
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 48 <400> SEQUENCE: 2
 49 ccaagcttat taggatccc tctgcagggc ctg 33
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 53 <212> TYPE: DNA
 54 <213> ORGANISM: Artificial Sequence
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 57 <223> OTHER INFORMATION: Description of Artificial Sequence:trip-Cb
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 63 <211> LENGTH: 6
 64 <212> TYPE: PRT
 65 <213> ORGANISM: Artificial Sequence
 67 <220> FEATURE:
 68 <223> OTHER INFORMATION: Description of Artificial Sequence:IQGR cleavage s

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71 Gly Ser Ile Gln Gly Arg
72   1           5
74 <210> SEQ ID NO: 5
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76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence:tetranectin polypeptide sequence for
81   Glu 1 to Lys 52
83 <400> SEQUENCE: 5
84 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
85   1           5           10           15
87 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
88           20           25           30
90 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
91           35           40           45
93 Val Ser Leu Lys
94   50
96 <210> SEQ ID NO: 6
97 <211> LENGTH: 49
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence:tetranectin polypeptide sequence for
103   Glu 1 to Val 49
105 <400> SEQUENCE: 6
106 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
107   1           5           10           15
109 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
110           20           25           30
112 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
113           35           40           45
115 Val
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 181
123 <212> TYPE: PRT
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 7
127 Glu Pro Pro Thr Gln Lys Pro Lys Lys Ile Val Asn Ala Lys Lys Asp
128   1           5           10           15
130 Val Val Asn Thr Lys Met Phe Glu Glu Leu Lys Ser Arg Leu Asp Thr
131           20           25           30
133 Leu Ala Gln Glu Val Ala Leu Leu Lys Glu Gln Gln Ala Leu Gln Thr
134           35           40           45
136 Val Cys Leu Lys Gly Thr Lys Val His Met Lys Cys Phe Leu Ala Phe
137           50           55           60
139 Thr Gln Thr Lys Thr Phe His Glu Ala Ser Glu Asp Cys Ile Ser Arg
140   65           70           75           80

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142 Gly Gly Thr Leu Ser Thr Pro Gln Thr Gly Ser Glu Asn Asp Ala Leu
143           85           90           95
145 Tyr Glu Tyr Leu Arg Gln Ser Val Gly Asn Glu Ala Glu Ile Trp Leu
146           100           105           110
148 Gly Leu Asn Asp Met Ala Ala Glu Gly Thr Trp Val Asp Met Thr Gly
149           115           120           125
151 Ala Arg Ile Ala Tyr Lys Asn Trp Glu Thr Glu Ile Thr Ala Gln Pro
152           130           135           140
154 Asp Gly Gly Lys Thr Glu Asn Cys Ala Val Leu Ser Gly Ala Ala Asn
155 145           150           155           160
157 Gly Lys Trp Phe Asp Lys Arg Cys Arg Asp Gln Leu Pro Tyr Ile Cys
158           165           170           175
160 Gln Phe Gly Ile Val
161           180

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163 <210> SEQ ID NO: 8

164 <211> LENGTH: 39

165 <212> TYPE: DNA

166 <213> ORGANISM: Artificial Sequence

168 <220> FEATURE:

169 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer

171 <400> SEQUENCE: 8

172 cctggatcca tcgagggtag gggcgagcca ccaaccag

39

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175 <211> LENGTH: 25

176 <212> TYPE: DNA

177 <213> ORGANISM: Artificial Sequence

179 <220> FEATURE:

180 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer

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25

186 <210> SEQ ID NO: 10

187 <211> LENGTH: 6

188 <212> TYPE: PRT

189 <213> ORGANISM: Artificial Sequence

191 <220> FEATURE:

192 <223> OTHER INFORMATION: Description of Artificial Sequence:IEGR cleavage site

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195 Gly Ser Ile Glu Gly Arg

196 1 5

198 <210> SEQ ID NO: 11

199 <211> LENGTH: 32

200 <212> TYPE: PRT

201 <213> ORGANISM: Artificial Sequence

203 <220> FEATURE:

204 <223> OTHER INFORMATION: Description of Artificial Sequence:lambda CII protein

206 <400> SEQUENCE: 11

207 Met Val Arg Ala Asn Lys Arg Asn Glu Ala Leu Arg Ile Glu Ser Ala

208 1 5 10 15

210 Leu Leu Asn Lys Ile Ala Met Leu Gly Thr Glu Lys Thr Ala Glu Gly

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216 <213> ORGANISM: human
218 <400> SEQUENCE: 12
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220 1          5          10
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223 <211> LENGTH: 25
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225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
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235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
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242 ggcgatcca tccagggtag ggttggaac acaaagatg 39
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245 <211> LENGTH: 36
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247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
252 <400> SEQUENCE: 15
253 cctggatcca tcgagggtag ggccctgcag acggtc 36
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 227
257 <212> TYPE: DNA
258 <213> ORGANISM: human
260 <400> SEQUENCE: 16
261 atgcagatct ttgtgaagac cctcactggc aaaaccatca cccttgaggt cgagcccagt 60
262 gacaccattg agaatgtcaa agccaaaatt caagacaagg aggttatccc acctgaccgc 120
263 agcgtctgat atttgccggc aaacagctgg aagatggacg tactttgtct gactacaata 180
264 ttcaaaagga gtctactctt catcttgtgt tgagacttcg tggtggt 227
266 <210> SEQ ID NO: 17
267 <211> LENGTH: 27
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
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274 <400> SEQUENCE: 17
275 tgctgatcac agatctttgt gaagacc 27

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Input Set : A:\PTO.txt
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283 <223> OTHER INFORMATION: Description of Artificial Sequence:Primer
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286 cgcaagcttg catgcttagg atccaccacg aagtctcaa          39
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 76
290 <212> TYPE: PRT
291 <213> ORGANISM: human
293 <400> SEQUENCE: 19
294 Met Gln Ile Phe Val Lys Thr Leu Thr Gly Lys Thr Ile Thr Leu Glu
295   1             5             10             15
297 Val Glu Pro Ser Asp Thr Ile Glu Asn Val Lys Ala Lys Ile Gln Asp
298   20             25             30
300 Lys Glu Gly Ile Pro Pro Asp Gln Gln Arg Leu Ile Phe Ala Gly Lys
301   35             40             45
303 Gln Leu Glu Asp Gly Arg Thr Leu Ser Asp Tyr Asn Ile Gln Lys Glu
304   50             55             60
306 Ser Thr Leu His Leu Val Leu Arg Leu Arg Gly Gly
307   65             70             75
309 <210> SEQ ID NO: 20
310 <211> LENGTH: 786
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence:CEA6 antibody
317 <400> SEQUENCE: 20
318 cagggttcagc tgcagcagtc aggggctgag gtgaagaagc ctgggtcctc ggtgaaggtc          60
319 tcctgcaagg cttctggagg caccttcagc aactctccta tcaactggct gcgacaggcc          120
320 cccggacaag ggcttgagtg gatgggaagt atcatccctt cctttggtac agcaaaactac          180
321 gctcagaagt tccagggcag actcacgatt accgcggacg aatccacgag cacagcctac          240
322 atggagctga gcagcctgag atctgaggac acggccgtgt attactgtgc ggggcggagc          300
323 cacaactacg aactctacta ttactacatg gacgtctggg gccaggggac aatgggtcacc          360
324 gtctcgagtg gtggaggcgg ttcaggcgga ggtggcagcg gcggtggcgg atcggacatc          420
325 cagatgaccc agtctccttc caccctgtct gcattctatt gagacagagt caccatcacc          480
326 tgccgggcca gtgagggtat ttatcactgg ttggcctggt atcagcagaa gccagggaaa          540
327 gccctaaac tcctgatcta taaggcctct agtttagcca gtggggcccc atcaagggttc          600
328 agcggcagtg gatctgggac agatttcact ctaccatca gcagcctgca gcctgatgat          660
329 tttgcaactt attactgcca acaatatagt aattatccgc tcactttcgg cggagggacc          720
330 aagctggaga tcaaactgac ggccgcagaa caaaaactca tctcagaaga ggatctgaat          780
331 ggggcc
332                                     786
333 <210> SEQ ID NO: 21
334 <211> LENGTH: 25
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:

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VERIFICATION SUMMARY

DATE: 03/16/2001

PATENT APPLICATION: US/09/445,576

TIME: 15:31:14

Input Set : A:\PTO.txt

Output Set: N:\CRF3\03162001\I445576.raw

L:999 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:39
L:999 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39
L:999 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:39
L:1002 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:39
L:1002 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39
M:340 Repeated in SeqNo=39
L:1005 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:39
L:1005 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:39